

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041797.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 2:35
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 30 02:57:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.348	2988872	18.635 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
6) S 2-Fluorobiphenyl (SURR)	8.197	1844009	18.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.32%
11) S ortho-Terphenyl (SURR)	11.226	3700684	19.037 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	3268589	18.661 ug/ml
2) T Naphthalene (C11.7)	5.691	3336210	18.909 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	3021290	18.884 ug/ml
5) T Acenaphthylene (C15.06)	7.998	3445994	18.621 ug/ml
7) T Acenaphthene (C15.5)	8.291	3656694	19.048 ug/ml
8) T Flouorene (C16.55)	9.070	3343875	18.954 ug/ml
9) T Phenanthrene (C19.36)	10.456	3348925	19.199 ug/ml
10) T Anthracene (C19.43)	10.531	3245370	17.830 ug/ml
12) T Fluoranthene (C21.85)	12.258	3396463	19.239 ug/ml
13) T Pyrene (C20.8)	12.551	3302676	19.535 ug/ml
14) T Benzo[a]anthracene (C...	14.421	2959833	19.794 ug/ml
15) T Chrysene (C27.41)	14.462	3469712	19.277 ug/ml
16) T benzo[b]fluoranthene ...	15.969	3192269	21.527 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	3390894	20.521 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	3144584	22.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2753301	24.998 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	3533680	24.408 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	3219888	24.261 ug/ml

(f)=RT Delta > 1/2 Window

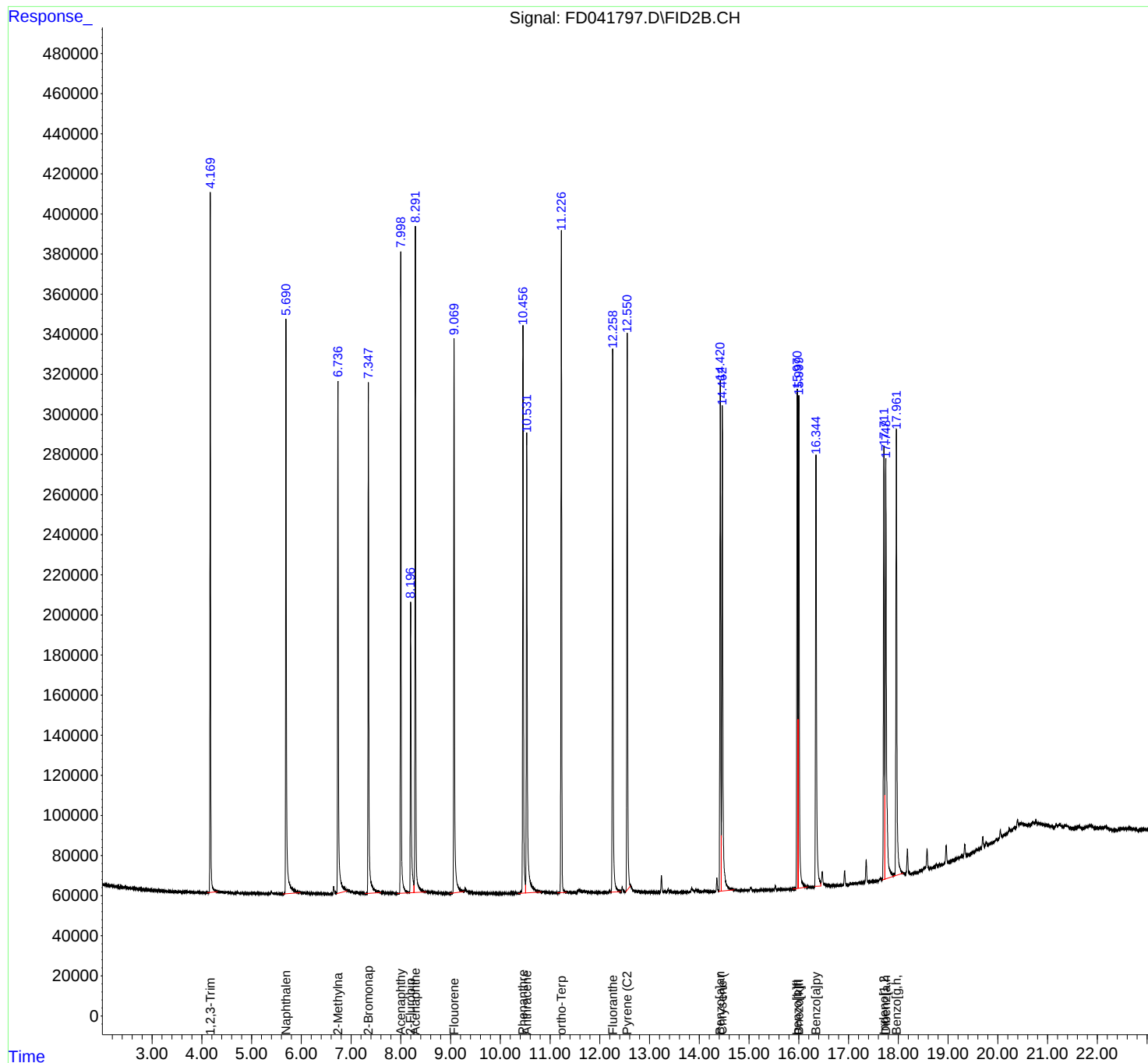
(m)=manual int.

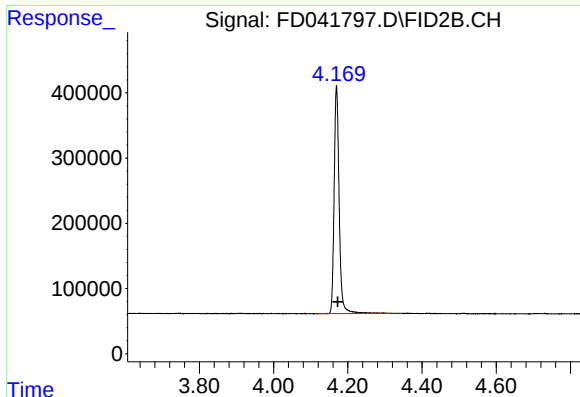
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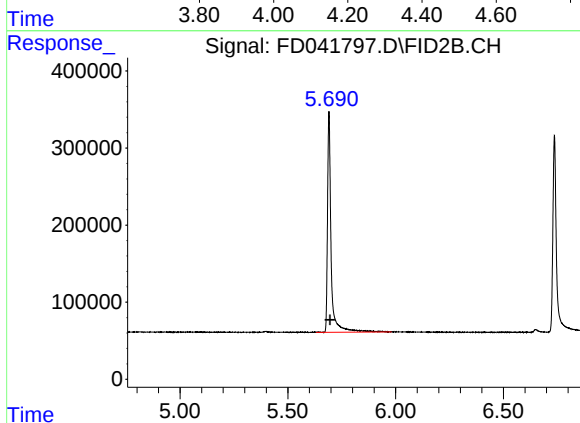




#1 1,2,3-Trimethylbenzene (C10.1)

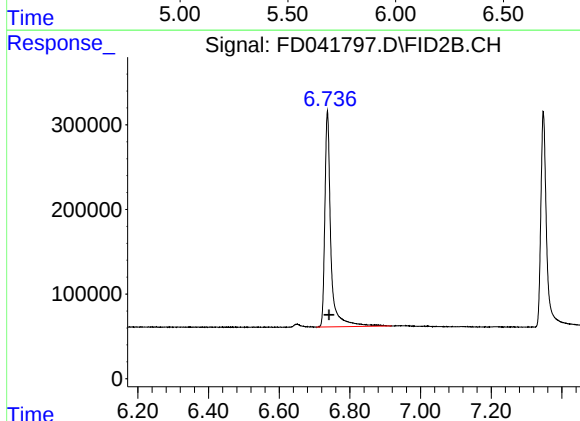
R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 3268589
Conc: 18.66 ug/ml

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20 PPM AROMATIC HC STD



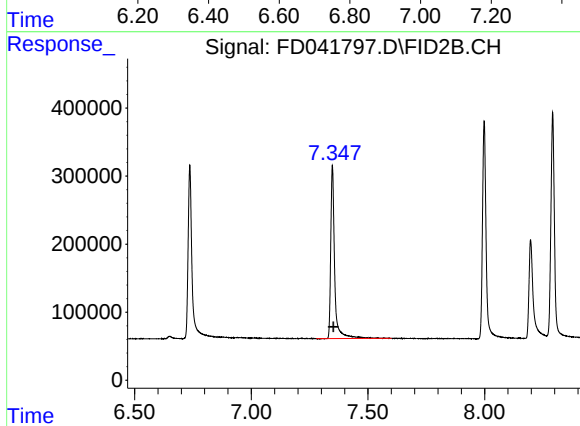
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 3336210
Conc: 18.91 ug/ml



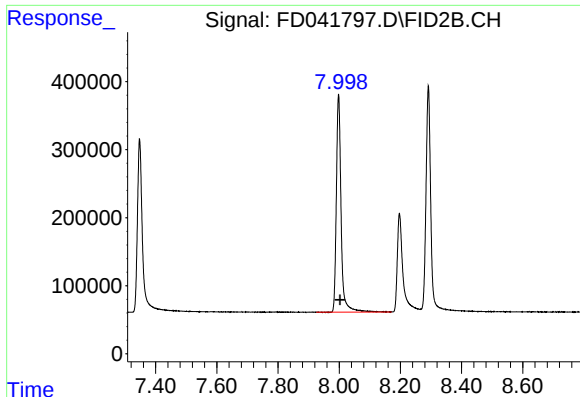
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 3021290
Conc: 18.88 ug/ml



#4 2-Bromonaphthalene (SURR)

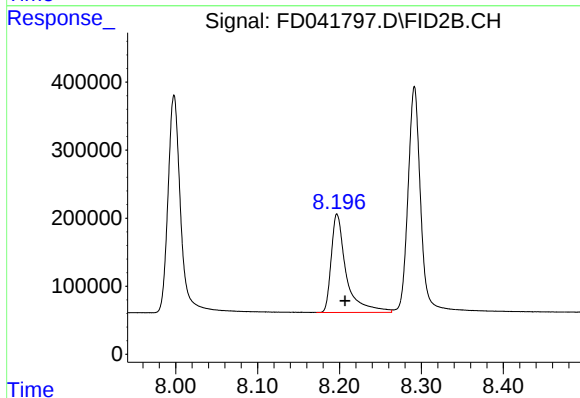
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 2988872
Conc: 18.64 ug/ml



#5 Acenaphthylene (C15.06)

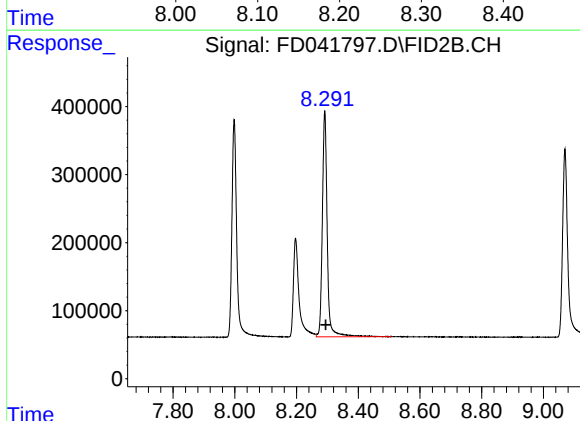
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 3445994
Conc: 18.62 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



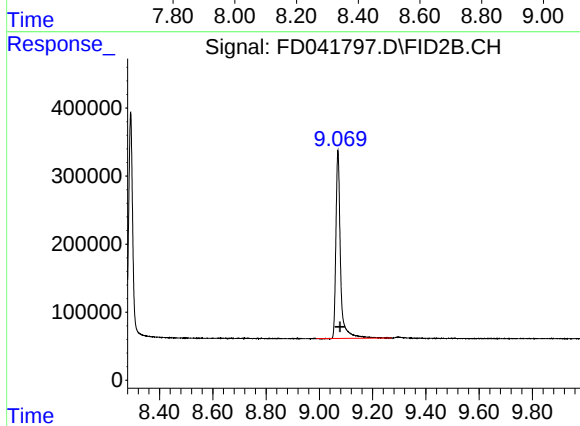
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 1844009
Conc: 18.66 ug/ml



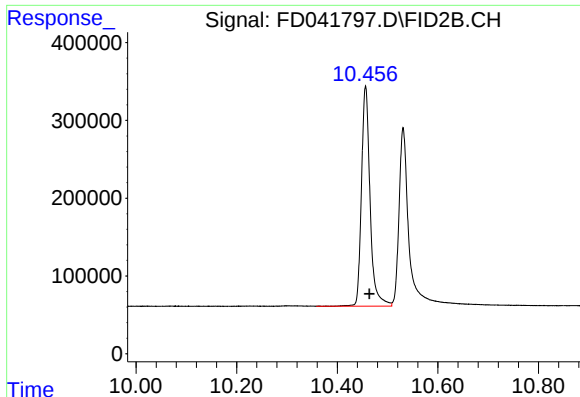
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: -0.004 min
Response: 3656694
Conc: 19.05 ug/ml



#8 Flouorene (C16.55)

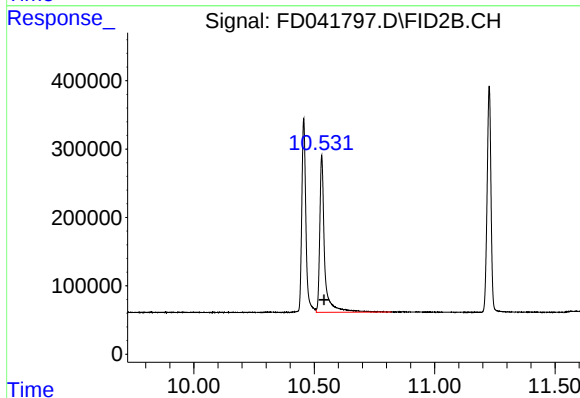
R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 3343875
Conc: 18.95 ug/ml



#9 Phenanthrene (C19.36)

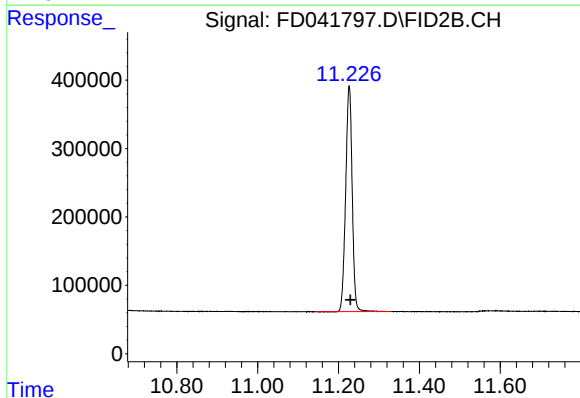
R.T.: 10.456 min
Delta R.T.: -0.008 min
Response: 3348925
Conc: 19.20 ug/ml

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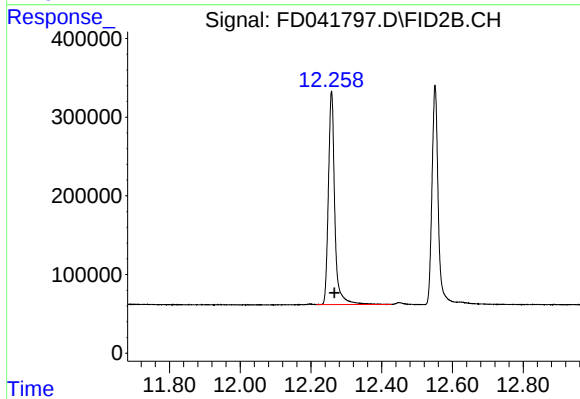
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.009 min
Response: 3245370
Conc: 17.83 ug/ml



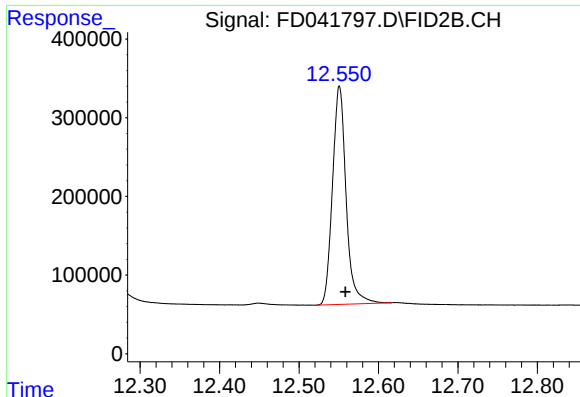
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 3700684
Conc: 19.04 ug/ml



#12 Fluoranthene (C21.85)

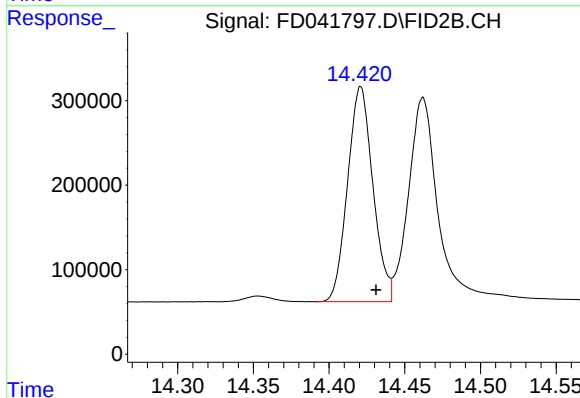
R.T.: 12.258 min
Delta R.T.: -0.008 min
Response: 3396463
Conc: 19.24 ug/ml



#13 Pyrene (C20.8)

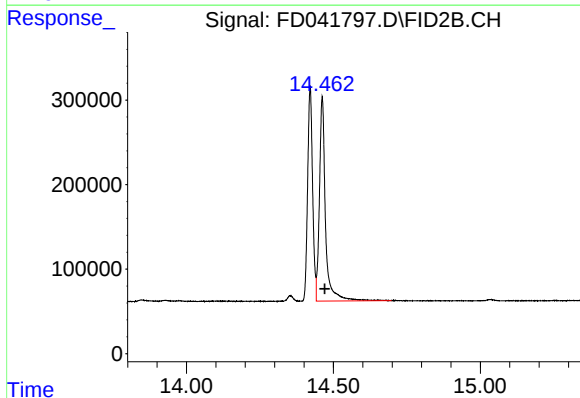
R.T.: 12.551 min
Delta R.T.: -0.008 min
Response: 3302676
Conc: 19.53 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



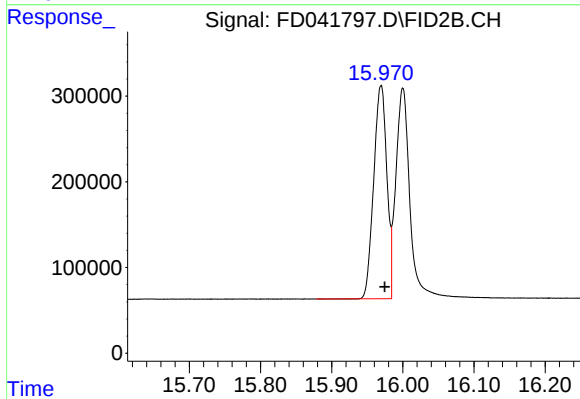
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.010 min
Response: 2959833
Conc: 19.79 ug/ml



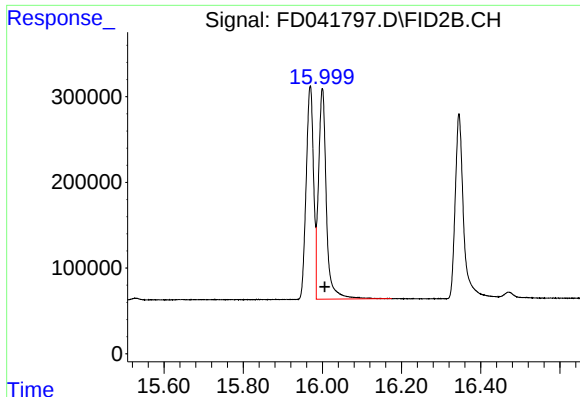
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.008 min
Response: 3469712
Conc: 19.28 ug/ml



#16 benzo[b]fluoranthene (C30.41)

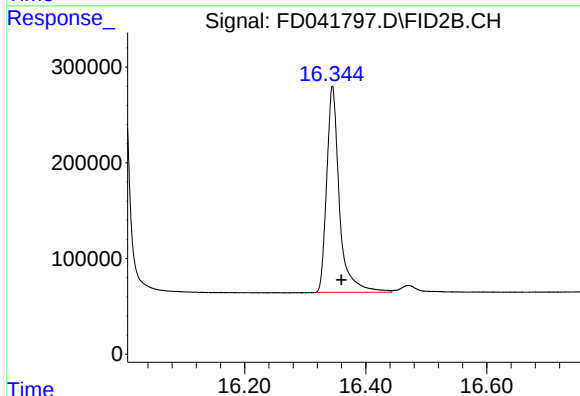
R.T.: 15.969 min
Delta R.T.: -0.005 min
Response: 3192269
Conc: 21.53 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

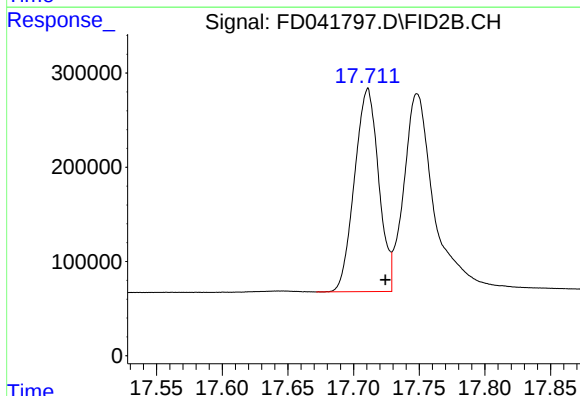
R.T.: 16.000 min
Delta R.T.: -0.006 min
Response: 3390894
Conc: 20.52 ug/ml

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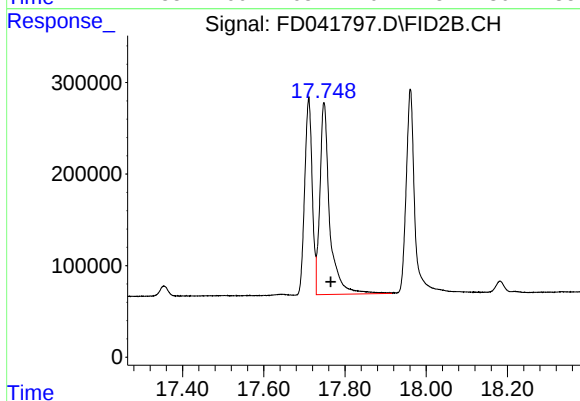
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 3144584
Conc: 22.36 ug/ml



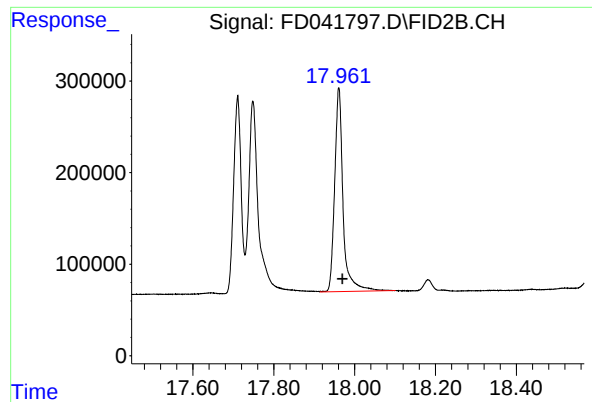
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.014 min
Response: 2753301
Conc: 25.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.749 min
Delta R.T.: -0.017 min
Response: 3533680
Conc: 24.41 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.961 min
Delta R.T.: -0.009 min
Response: 3219888
Conc: 24.26 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD